

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/578,562
Source: IFWP
Date Processed by STIC: 5/18/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 05/18/2006

PATENT APPLICATION: US/10/578,562

TIME: 09:42:50

Input Set : A:\39702a.txt

Output Set: N:\CRF4\05182006\J578562.raw

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3 <110> APPLICANT: Weaver et al.
5 <120> TITLE OF INVENTION: METHODS OF TREATING CHRONIC PAIN USING COMPOSITIONS THAT
6 SPECIFICALLY BIND CD11D (ALPHA-D) INTEGRIN
8 <130> FILE REFERENCE: 27866/39702
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/578,562
C--> 10 <141> CURRENT FILING DATE: 2006-05-08
10 <160> NUMBER OF SEQ ID NOS: 2
12 <170> SOFTWARE: PatentIn version 3.1
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 3726
16 <212> TYPE: DNA
17 <213> ORGANISM: Homo sapiens
19 <220> FEATURE:
20 <221> NAME/KEY: CDS
21 <222> LOCATION: (3)..(3485)
22 <223> OTHER INFORMATION:
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26 tg acc ttc ggc act gtg ctt ctt ctg agt gtc ctg gct tct tat cat 47
27 Thr Phe Gly Thr Val Leu Leu Leu Ser Val Leu Ala Ser Tyr His
28 1 5 10 15
30 gga ttc aac ctg gat gtg gag gag cct acg atc ttc cag gag gat gca 95
31 Gly Phe Asn Leu Asp Val Glu Glu Pro Thr Ile Phe Gln Glu Asp Ala
32 20 25 30
34 ggc ggc ttt ggg cag agc gtg gtg cag ttc ggt gga tct cga ctc gtg 143
35 Gly Gly Phe Gly Gln Ser Val Val Gln Phe Gly Gly Ser Arg Leu Val
36 35 40 45
38 gtg gga gca ccc ctg gag gtg gtg gcg gcc aac cag acg gga cgg ctg 191
39 Val Gly Ala Pro Leu Glu Val Val Ala Ala Asn Gln Thr Gly Arg Leu
40 50 55 60
42 tat gac tgc gca gct gcc acc ggc atg tgc cag ccc atc ccg ctg cac 239
43 Tyr Asp Cys Ala Ala Ala Thr Gly Met Cys Gln Pro Ile Pro Leu His
44 65 70 75
46 atc cgc cct gag gcc gtg aac atg tcc ttg ggc ctg acc ctg gca gcc 287
47 Ile Arg Pro Glu Ala Val Asn Met Ser Leu Gly Leu Thr Leu Ala Ala
48 80 85 90 95
50 tcc acc aac ggc tcc cgg ctc ctg gcc tgt ggc ccg acc ctg cac aga 335
51 Ser Thr Asn Gly Ser Arg Leu Leu Ala Cys Gly Pro Thr Leu His Arg
52 100 105 110
54 gtc tgt ggg gag aac tca tac tca aag ggt tcc tgc ctc ctg ctg ggc 383
55 Val Cys Gly Glu Asn Ser Tyr Ser Lys Gly Ser Cys Leu Leu Leu Gly
56 115 120 125
58 tcg cgc tgg gag atc atc cag aca gtc ccc gac gcc acg cca gag tgt 431
59 Ser Arg Trp Glu Ile Ile Gln Thr Val Pro Asp Ala Thr Pro Glu Cys

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| | | | | |
|-----|---|------|-----|-----|
| 60 | 130 | 135 | 140 | |
| 64 | cca cat caa gag atg gac atc gtc ttc ctg att gac ggc tct gga agc | 479 | | |
| 65 | Pro His Gln Glu Met Asp Ile Val Phe Leu Ile Asp Gly Ser Gly Ser | | | |
| 66 | 145 | 150 | 155 | |
| 68 | att gac caa aat gac ttt aac cag atg aag ggc ttt gtc caa gct gtc | 527 | | |
| 69 | Ile Asp Gln Asn Asp Phe Asn Gln Met Lys Gly Phe Val Gln Ala Val | | | |
| 70 | 160 | 165 | 170 | 175 |
| 72 | atg ggc cag ttt gag ggc act gac acc ctg ttt gca ctg atg cag tac | 575 | | |
| 73 | Met Gly Gln Phe Glu Gly Thr Asp Thr Leu Phe Ala Leu Met Gln Tyr | | | |
| 74 | 180 | 185 | 190 | |
| 76 | tca aac ctc ctg aag atc cac ttc acc ttc acc caa ttc cgg acc agc | 623 | | |
| 77 | Ser Asn Leu Leu Lys Ile His Phe Thr Phe Thr Gln Phe Arg Thr Ser | | | |
| 78 | 195 | 200 | 205 | |
| 80 | cag agc cag cag agc ctg gtg gat ccc atc gtc caa ctg aaa ggc ctg | 671 | | |
| 81 | Pro Ser Gln Gln Ser Leu Val Asp Pro Ile Val Gln Leu Lys Gly Leu | | | |
| 82 | 210 | 215 | 220 | |
| 84 | acg ttc acg gcc acg ggc atc ctg aca gtg gtg aca cag cta ttt cat | 719 | | |
| 85 | Thr Phe Thr Ala Thr Gly Ile Leu Thr Val Val Thr Gln Leu Phe His | | | |
| 86 | 225 | 230 | 235 | |
| 88 | cat aag aat ggg gcc cga aaa agt gcc aag aag atc ctc att gtc atc | 767 | | |
| 89 | His Lys Asn Gly Ala Arg Lys Ser Ala Lys Lys Ile Leu Ile Val Ile | | | |
| 90 | 240 | 245 | 250 | 255 |
| 92 | aca gat ggg cag aag tac aaa gac ccc ctg gaa tac agt gat gtc atc | 815 | | |
| 93 | Thr Asp Gly Gln Lys Tyr Lys Asp Pro Leu Glu Tyr Ser Asp Val Ile | | | |
| 94 | 260 | 265 | 270 | |
| 96 | ccc cag gca gag aag gct ggc atc atc cgc tac gct atc ggg gtg gga | 863 | | |
| 97 | Pro Gln Ala Glu Lys Ala Gly Ile Ile Arg Tyr Ala Ile Gly Val Gly | | | |
| 98 | 275 | 280 | 285 | |
| 100 | cac gct ttc cag gga ccc act gcc agg cag gag ctg aat acc atc agc | 911 | | |
| 101 | His Ala Phe Gln Gly Pro Thr Ala Arg Gln Glu Leu Asn Thr Ile Ser | | | |
| 102 | 290 | 295 | 300 | |
| 104 | tca gcg cct ccg cag gac cac gtg ttc aag gtg gac aac ttt gca gcc | 959 | | |
| 105 | Ser Ala Pro Pro Gln Asp His Val Phe Lys Val Asp Asn Phe Ala Ala | | | |
| 106 | 305 | 310 | 315 | |
| 108 | ctt ggc agc atc cag aag cag ctg cag gag aag atc tat gca gtt gag | 1007 | | |
| 109 | Leu Gly Ser Ile Gln Lys Gln Leu Gln Glu Lys Ile Tyr Ala Val Glu | | | |
| 110 | 320 | 325 | 330 | 335 |
| 112 | gga acc cag tcc agg gca agc agc tcc ttc cag cac gag atg tcc caa | 1055 | | |
| 113 | Gly Thr Gln Ser Arg Ala Ser Ser Ser Phe Gln His Glu Met Ser Gln | | | |
| 114 | 340 | 345 | 350 | |
| 116 | gaa ggc ttc agc aca gcc ctc aca atg gat ggc ctc ttc ctg ggg gct | 1103 | | |
| 117 | Glu Gly Phe Ser Thr Ala Leu Thr Met Asp Gly Leu Phe Leu Gly Ala | | | |
| 118 | 355 | 360 | 365 | |
| 120 | gtg ggg agc ttt agc tgg tct gga ggt gcc ttc ctg tat ccc cca aat | 1151 | | |
| 121 | Val Gly Ser Phe Ser Trp Ser Gly Gly Ala Phe Leu Tyr Pro Pro Asn | | | |
| 122 | 370 | 375 | 380 | |
| 124 | atg agc ccc acc ttc atc aac atg tct cag gag aat gtg gac atg agg | 1199 | | |
| 125 | Met Ser Pro Thr Phe Ile Asn Met Ser Gln Glu Asn Val Asp Met Arg | | | |
| 126 | 385 | 390 | 395 | |

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128 gac tct tac ctg ggt tac tcc acc gag cta gcc ctg tgg aag ggg gta 1247
129 Asp Ser Tyr Leu Gly Tyr Ser Thr Glu Leu Ala Leu Trp Lys Gly Val
130 400 405 410 415
132 cag aac ctg gtc ctg ggg gcc ccc cgc tac cag cat acc ggg aag gct 1295
133 Gln Asn Leu Val Leu Gly Ala Pro Arg Tyr Gln His Thr Gly Lys Ala
134 420 425 430
136 gtc atc ttc acc cag gtg tcc agg caa tgg agg aag aag gcc gaa gtc 1343
137 Val Ile Phe Thr Gln Val Ser Arg Gln Trp Arg Lys Lys Ala Glu Val
138 435 440 445
140 aca ggg acg cag atc ggc tcc tac ttc ggg gcc tcc ctc tgc tcc gtg 1391
141 Thr Gly Thr Gln Ile Gly Ser Tyr Phe Gly Ala Ser Leu Cys Ser Val
142 450 455 460
144 gat gtg gac agc gat ggc agc acc gac ctg atc ctc att ggg gcc ccc 1439
145 Asp Val Asp Ser Asp Gly Ser Thr Asp Leu Ile Leu Ile Gly Ala Pro
146 465 470 475
148 cat tac tat gag cag acc cga ggg ggc cag gtg tcc gtg tgt ccc ttg 1487
149 His Tyr Tyr Glu Gln Thr Arg Gly Gly Gln Val Ser Val Cys Pro Leu
150 480 485 490 495
152 cct agg ggg cag agg gtg cag tgg cag tgt gac gct gtt ctc cgt ggt 1535
153 Pro Arg Gly Gln Arg Val Gln Trp Gln Cys Asp Ala Val Leu Arg Gly
154 500 505 510
156 gag cag ggc cac ccc tgg ggc cgc ttt ggg gca gcc ctg aca gtg ttg 1583
157 Glu Gln Gly His Pro Trp Gly Arg Phe Gly Ala Ala Leu Thr Val Leu
158 515 520 525
160 ggg gat gtg aat gag gac aag ctg ata gac gtg gcc att ggg gcc ccg 1631
161 Gly Asp Val Asn Glu Asp Lys Leu Ile Asp Val Ala Ile Gly Ala Pro
162 530 535 540
165 gga gag cag gag aac cgg ggt gct gtc tac ctg ttt cac gga gcc tca 1679
166 Gly Glu Gln Glu Asn Arg Gly Ala Val Tyr Leu Phe His Gly Ala Ser
167 545 550 555
169 gaa tcc ggc atc agc ccc tcc cac agc cag cgg att gcc agc tcc cag 1727
170 Glu Ser Gly Ile Ser Pro Ser His Ser Gln Arg Ile Ala Ser Ser Gln
171 560 565 570 575
173 ctc tcc ccc agg ctg cag tat ttt ggg cag gcg ctg agt ggg ggt cag 1775
174 Leu Ser Pro Arg Leu Gln Tyr Phe Gly Gln Ala Leu Ser Gly Gly Gln
175 580 585 590
177 gac ctc acc cag gat gga ctg atg gac ctg gcc gtg ggg gcc cgg ggc 1823
178 Asp Leu Thr Gln Asp Gly Leu Met Asp Leu Ala Val Gly Ala Arg Gly
179 595 600 605
181 cag gtg ctc ctg ctc agg agt ctg ccg gtg ctg aaa gtg ggg gtg gcc 1871
182 Gln Val Leu Leu Leu Arg Ser Leu Pro Val Leu Lys Val Gly Val Ala
183 610 615 620
185 atg aga ttc agc cct gtg gag gtg gcc aag gct gtg tac cgg tgc tgg 1919
186 Met Arg Phe Ser Pro Val Glu Val Ala Lys Ala Val Tyr Arg Cys Trp
187 625 630 635
191 gaa gag aag ccc agt gcc ctg gaa gct ggg gac gcc acc gtc tgt ctc 1967
192 Glu Glu Lys Pro Ser Ala Leu Glu Ala Gly Asp Ala Thr Val Cys Leu
193 640 645 650 655
195 acc atc cag aaa agc tca ctg gac cag cta ggt gac atc caa agc tct 2015

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| | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 196 | Thr | Ile | Gln | Lys | Ser | Ser | Leu | Asp | Gln | Leu | Gly | Asp | Ile | Gln | Ser | Ser | |
| 197 | | | | 660 | | | | | | 665 | | | | 670 | | | |
| 199 | gtc | agg | ttt | gat | ctg | gca | ctg | gac | cca | ggg | cgt | ctg | act | tct | cgt | gcc | 2063 |
| 200 | Val | Arg | Phe | Asp | Leu | Ala | Leu | Asp | Pro | Gly | Arg | Leu | Thr | Ser | Arg | Ala | |
| 201 | | | | 675 | | | | | 680 | | | | | 685 | | | |
| 203 | att | ttc | aat | gaa | acc | aag | aac | ccc | act | ttg | act | cga | aga | aaa | acc | ctg | 2111 |
| 204 | Ile | Phe | Asn | Glu | Thr | Lys | Asn | Pro | Thr | Leu | Thr | Arg | Arg | Lys | Thr | Leu | |
| 205 | | | | 690 | | | | 695 | | | | | 700 | | | | |
| 207 | gga | ctg | ggg | att | cac | tgt | gaa | acc | ctg | aag | ctg | ctt | ttg | cca | gat | tgt | 2159 |
| 208 | Gly | Leu | Gly | Ile | His | Cys | Glu | Thr | Leu | Lys | Leu | Leu | Leu | Pro | Asp | Cys | |
| 209 | | 705 | | | | | 710 | | | | | 715 | | | | | |
| 211 | gtg | gag | gat | gtg | gtg | agc | ccc | atc | att | ctg | cac | ctc | aac | ttc | tca | ctg | 2207 |
| 212 | Val | Glu | Asp | Val | Val | Ser | Pro | Ile | Ile | Leu | His | Leu | Asn | Phe | Ser | Leu | |
| 213 | 720 | | | | | | 725 | | | | | 730 | | | | 735 | |
| 215 | gtg | aga | gag | ccc | atc | ccc | tcc | ccc | cag | aac | ctg | cgt | cct | gtg | ctg | gcc | 2255 |
| 216 | Val | Arg | Glu | Pro | Ile | Pro | Ser | Pro | Gln | Asn | Leu | Arg | Pro | Val | Leu | Ala | |
| 217 | | | | 740 | | | | | 745 | | | | | 750 | | | |
| 219 | gtg | ggc | tca | caa | gac | ctc | ttc | act | gct | tct | ctc | ccc | ttc | gag | aag | aac | 2303 |
| 220 | Val | Gly | Ser | Gln | Asp | Leu | Phe | Thr | Ala | Ser | Leu | Pro | Phe | Glu | Lys | Asn | |
| 221 | | | | 755 | | | | | 760 | | | | | 765 | | | |
| 223 | tgt | ggg | caa | gat | ggc | ctc | tgt | gaa | ggg | gac | ctg | ggg | gtc | acc | ctc | agc | 2351 |
| 224 | Cys | Gly | Gln | Asp | Gly | Leu | Cys | Glu | Gly | Asp | Leu | Gly | Val | Thr | Leu | Ser | |
| 225 | | | 770 | | | | | 775 | | | | | 780 | | | | |
| 228 | ttc | tca | ggc | ctg | cag | acc | ctg | acc | gtg | ggg | agc | tcc | ctg | gag | ctc | aac | 2399 |
| 229 | Phe | Ser | Gly | Leu | Gln | Thr | Leu | Thr | Val | Gly | Ser | Ser | Leu | Glu | Leu | Asn | |
| 230 | | 785 | | | | | 790 | | | | | 795 | | | | | |
| 232 | gtg | att | gtg | act | gtg | tgg | aac | gca | ggg | gag | gat | tcc | tac | gga | acc | gtg | 2447 |
| 233 | Val | Ile | Val | Thr | Val | Trp | Asn | Ala | Gly | Glu | Asp | Ser | Tyr | Gly | Thr | Val | |
| 234 | 800 | | | | | 805 | | | | | 810 | | | | | 815 | |
| 236 | gtc | agc | ctc | tac | tat | cca | gca | ggg | ctg | tgc | cac | cga | cgg | gtg | tca | gga | 2495 |
| 237 | Val | Ser | Leu | Tyr | Tyr | Pro | Ala | Gly | Leu | Ser | His | Arg | Arg | Val | Ser | Gly | |
| 238 | | | | 820 | | | | | 825 | | | | | 830 | | | |
| 240 | gcc | cag | aag | cag | ccc | cat | cag | agt | gcc | ctg | cgc | ctg | gca | tgt | gag | aca | 2543 |
| 241 | Ala | Gln | Lys | Gln | Pro | His | Gln | Ser | Ala | Leu | Arg | Leu | Ala | Cys | Glu | Thr | |
| 242 | | | | 835 | | | | | 840 | | | | | 845 | | | |
| 244 | gtg | ccc | act | gag | gat | gag | ggc | cta | aga | agc | agc | cgc | tgc | agt | gtc | aac | 2591 |
| 245 | Val | Pro | Thr | Glu | Asp | Glu | Gly | Leu | Arg | Ser | Ser | Arg | Cys | Ser | Val | Asn | |
| 246 | | | 850 | | | | | 855 | | | | | 860 | | | | |
| 248 | cac | ccc | atc | ttc | cat | gag | ggc | tct | aac | ggc | acc | ttc | ata | gtc | aca | ttc | 2639 |
| 249 | His | Pro | Ile | Phe | His | Glu | Gly | Ser | Asn | Gly | Thr | Phe | Ile | Val | Thr | Phe | |
| 250 | | 865 | | | | | 870 | | | | | 875 | | | | | |
| 254 | gat | gtc | tcc | tac | aag | gcc | acc | ctg | gga | gac | agg | atg | ctt | atg | agg | gcc | 2687 |
| 255 | Asp | Val | Ser | Tyr | Lys | Ala | Thr | Leu | Gly | Asp | Arg | Met | Leu | Met | Arg | Ala | |
| 256 | 880 | | | | | 885 | | | | | 890 | | | | | 895 | |
| 258 | agt | gca | agc | agt | gag | aac | aat | aag | gct | tca | agc | agc | aag | gcc | acc | ttc | 2735 |
| 259 | Ser | Ala | Ser | Ser | Glu | Asn | Asn | Lys | Ala | Ser | Ser | Ser | Lys | Ala | Thr | Phe | |
| 260 | | | | 900 | | | | | 905 | | | | | 910 | | | |
| 262 | cag | ctg | gag | ctc | ccg | gtg | aag | tat | gca | gtc | tac | acc | atg | atc | agc | agg | 2783 |
| 263 | Gln | Leu | Glu | Leu | Pro | Val | Lys | Tyr | Ala | Val | Tyr | Thr | Met | Ile | Ser | Arg | |

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| | | | | | | | | |
|-----|---|------|-----|------|-----|------|-----|------|
| 264 | | 915 | | 920 | | 925 | | |
| 266 | cag gaa gaa tcc acc aag tac ttc aac ttt gca acc tcc gat gag aag | | | | | | | 2831 |
| 267 | Gln Glu Glu Ser Thr Lys Tyr Phe Asn Phe Ala Thr Ser Asp Glu Lys | | | | | | | |
| 268 | | 930 | | 935 | | 940 | | |
| 270 | aaa atg aaa gag gct gag cat cga tac cgt gtg aat aac ctc agc cag | | | | | | | 2879 |
| 271 | Lys Met Lys Glu Ala Glu His Arg Tyr Arg Val Asn Asn Leu Ser Gln | | | | | | | |
| 272 | | 945 | | 950 | | 955 | | |
| 274 | cga gat ctg gcc atc agc att aac ttc tgg gtt cct gtc ctg ctg aac | | | | | | | 2927 |
| 275 | Arg Asp Leu Ala Ile Ser Ile Asn Phe Trp Val Pro Val Leu Leu Asn | | | | | | | |
| 276 | 960 | | 965 | | 970 | | 975 | |
| 278 | ggg gtg gct gtg tgg gat gtg gtc atg gag gcc cca tct cag agt ctc | | | | | | | 2975 |
| 279 | Gly Val Ala Val Trp Asp Val Val Met Glu Ala Pro Ser Gln Ser Leu | | | | | | | |
| 280 | | 980 | | 985 | | 990 | | |
| 282 | ccc tgt gtt tca gag aga aaa cct ccc cag cat tct gac ttc ctg acc | | | | | | | 3023 |
| 283 | Pro Cys Val Ser Glu Arg Lys Pro Pro Gln His Ser Asp Phe Leu Thr | | | | | | | |
| 284 | | 995 | | 1000 | | 1005 | | |
| 286 | cag att tca aga agt ccc atg ctg gac tgc tcc att gct gac tgc | | | | | | | 3068 |
| 287 | Gln Ile Ser Arg Ser Pro Met Leu Asp Cys Ser Ile Ala Asp Cys | | | | | | | |
| 288 | | 1010 | | 1015 | | 1020 | | |
| 291 | ctg cag ttc cgc tgt gac gtc ccc tcc ttc agc gtc cag gag gag | | | | | | | 3113 |
| 292 | Leu Gln Phe Arg Cys Asp Val Pro Ser Phe Ser Val Gln Glu Glu | | | | | | | |
| 293 | | 1025 | | 1030 | | 1035 | | |
| 295 | ctg gat ttc acc ctg aag ggc aat ctc agt ttc ggc tgg gtc cgc | | | | | | | 3158 |
| 296 | Leu Asp Phe Thr Leu Lys Gly Asn Leu Ser Phe Gly Trp Val Arg | | | | | | | |
| 297 | | 1040 | | 1045 | | 1050 | | |
| 299 | gag aca ttg cag aag aag gtg ttg gtc gtg agt gtg gct gaa att | | | | | | | 3203 |
| 300 | Glu Thr Leu Gln Lys Lys Val Leu Val Val Ser Val Ala Glu Ile | | | | | | | |
| 301 | | 1055 | | 1060 | | 1065 | | |
| 303 | acg ttc gac aca tcc gtg tac tcc cag ctt cca gga cag gag gca | | | | | | | 3248 |
| 304 | Thr Phe Asp Thr Ser Val Tyr Ser Gln Leu Pro Gly Gln Glu Ala | | | | | | | |
| 305 | | 1070 | | 1075 | | 1080 | | |
| 307 | ttt atg aga gct cag atg gag atg gtg cta gaa gaa gac gag gtc | | | | | | | 3293 |
| 308 | Phe Met Arg Ala Gln Met Glu Met Val Leu Glu Glu Asp Glu Val | | | | | | | |
| 309 | | 1085 | | 1090 | | 1095 | | |
| 311 | tac aat gcc att ccc atc atc atg ggc agc tct gtg ggg gct ctg | | | | | | | 3338 |
| 312 | Tyr Asn Ala Ile Pro Ile Ile Met Gly Ser Ser Val Gly Ala Leu | | | | | | | |
| 313 | | 1100 | | 1105 | | 1110 | | |
| 317 | cta ctg ctg gcg ctc atc aca gcc aca ctg tac aag ctt ggc ttc | | | | | | | 3383 |
| 318 | Leu Leu Leu Ala Leu Ile Thr Ala Thr Leu Tyr Lys Leu Gly Phe | | | | | | | |
| 319 | | 1115 | | 1120 | | 1125 | | |
| 321 | ttc aaa cgc cac tac aag gaa atg ctg gag gac aag cct gaa gac | | | | | | | 3428 |
| 322 | Phe Lys Arg His Tyr Lys Glu Met Leu Glu Asp Lys Pro Glu Asp | | | | | | | |
| 323 | | 1130 | | 1135 | | 1140 | | |
| 325 | act gcc aca ttc agt ggg gac gat ttc agc tgt gtg gcc cca aat | | | | | | | 3473 |
| 326 | Thr Ala Thr Phe Ser Gly Asp Asp Phe Ser Cys Val Ala Pro Asn | | | | | | | |
| 327 | | 1145 | | 1150 | | 1155 | | |
| 329 | gtg cct ttg tcc taataatcca ctttctgtt tatctctacc actgtgggct | | | | | | | 3525 |
| 330 | Val Pro Leu Ser | | | | | | | |
| 331 | | 1160 | | | | | | |

VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:25 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:22